

## PATENT ABSTRACTS OF JAPAN

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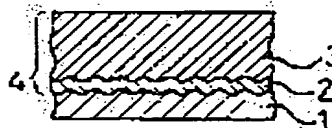
(72)Inventor : TANIGUCHI HIDEAKI  
IMADA EIJI  
KOJIMA YOSHIMI  
TSUCHIMOTO SHUHEI  
HIJIKIGAWA MASAYA

## (54) ELECTROPHOTOGRAPHIC SENSITIVE BODY

## (57)Abstract:

PURPOSE: To obtain good sensitivity by setting the average surface roughness of a conductive substrate to a value by specified times as large as the average particle diameter of an electric charge generating material.

CONSTITUTION: The electrophotographic sensitive body is obtained by providing on a conductive substrate 1 a photosensitive layer 4 which is constituted by successively laminating a lower electric charge generating layer 2 including particles of the charge generating substance composed of an organic photoconductive material and an upper organic type electric charge transfer layer 3. The surface roughness of the conductive substrate 1 is set to 0.2W5 times the average particle diameter of the charge transfer material, thus permitting the substantial area of the interface between the layers 2 and 3 to be enlarged, charge carriers generated in the layer 2 to be injected without being rejoined and captured, a quantity of carriers to be injected to the layer 3 and rapidly transferred to the surface of the photosensitive body, and accordingly, charge injection efficiency to be enhanced, and good sensitivity to be obtained.



## LEGAL STATUS

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